

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: HSIAO, Cheng-Fang

SERIAL NO.:

FILED: Herewith

TITLE: STRUCTURE OF A COOLING FAN

Preliminary Amendment: CLAIM AMENDMENTS

1. (Currently amended) A cooling fan structure comprising:

a base;

a ring stator mounted in a center of the base and ~~formed~~ comprised of a plurality of polar claws and a coil, with said polar claws being disposed in an inner side of said ring stator and being ~~made~~ comprised integrally of a plastic material with said ring stator, said coil being wound around an outer side of said ring stator;

a blade rotor seat ~~provided with~~ comprised of a plurality of blades fastened ~~therewith~~ thereto, said blade rotor seat being mounted in said base such that said blade rotor seat circumvents said ring stator; and

a magnetic ring rotor mounted on an axis in a receiving space of said ring stator such that said magnetic ring rotor is induced by said coil of said ring stator to drive said blades.

2. (Original) The cooling fan structure as defined in claim 1, wherein said polar claws of said ring stator are arranged in a plurality of pole numbers.

3. (Original) The cooling fan structure as defined in claim 1, wherein said ring stator and said coil are arranged in two sets to form an upper set and a lower set.

4. (Currently amended) The cooling fan structure as defined in claim 3, wherein said polar claws of each ring stator are ~~made~~ comprised integrally of an insulation plastic material as a ring seat for locating each coil.